GAF ROOF GUARANTEE PROGRAM

GAF offers an extensive selection of roof guarantees to meet the needs of most building owners. The following guarantees are available for use with selected GAFGLAS®, RUBEROID®, and LIBERTY™ Roof Systems when installed by an eligible GAF factory-certified contractor. Contact GAF Technical Services for additional information and specific guarantee requirements.

<table>
<thead>
<tr>
<th>GAF Roof Guarantee Type</th>
<th>Coverage</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>All-American Pledge™ Steep- and Low-Slope Roof Guarantee</td>
<td>NDL</td>
<td>5 to 20 Years</td>
</tr>
<tr>
<td>GAF Diamond Pledge™ NDL Roof Guarantee</td>
<td>NDL</td>
<td>5 to 20 Years</td>
</tr>
<tr>
<td>GAF System Pledge™ Roof Guarantee</td>
<td>Specified $ per square</td>
<td>5 to 20 Years</td>
</tr>
<tr>
<td>WellRoof® Guarantee Extension*</td>
<td>Extends Diamond Pledge™ Coverage</td>
<td>25% longer term</td>
</tr>
</tbody>
</table>

*Program that encourages property owners to utilize an annual maintenance agreement; when certain requirements are met, GAF will extend its Diamond Pledge™ NDL Guarantee by 25%. Contact Technical Services at 1-800-766-3411 (1-800-766-3411) for qualifying specifications and detailed information. All work must be completed by a GAF Certified Maintenance Professional (CMP). See WellRoof® Guarantee Extension for complete coverage and restrictions.

Restoration/Extension/Limited Material Warranties and Guarantees**

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weather Stopper® Integrated System Limited Warranty</td>
<td>NDL</td>
</tr>
</tbody>
</table>

**Contact GAF Technical Services for additional information and guarantee requirements.

Refer to these manuals for application and systems specifications and system guarantees, available at gaf.com. For further information, contact Technical Services at 1-800-ROOF-411 (1-800-766-3411).
HOT-MOPPED AND COLD-ADHESIVE APPLIED SBS MODIFIED BITUMEN

Modified bitumen systems provide the features of a BUR system without the need to apply multiple plies to achieve a layered system. Modified bitumen systems are composed of a base sheet and a cap sheet that can be either granule or smooth. They were designed to reduce labor requirements for installation and have become increasingly popular over BUR system applications.

Styrene Butadiene Styrene (SBS) modified bitumen systems promise increased flexibility and stronger expansion and contraction capabilities in cold weather—with the added benefit of low maintenance. These types of membranes provide a multi-layered approach to low-slope roofing with different membranes. SBS offers a BUR system (with fewer layers) that can be heat-welded or applied with hot asphalt or cold adhesive.

ROOFING ACCESSORIES

ADHESIVES, PRIMERS & SEALANTS

GAF offers a complete line of premium, asbestos-free modified adhesives and cements. Whether installing a new membrane with cold-process adhesive or installing new or repairing flashings around openings and penetrations, our products offer performance that is durable and cost effective. Refer to the Technical Data Sheet for specific application usage and instructions.

COLD-APPLIED ADHESIVES

- Matrix™ 101 Premium SBS Membrane Adhesive
- Matrix™ 102 SBS Membrane Adhesive
- Matrix™ 103 Premium Asphalt Primer
- Matrix™ 104 One-Part Pasteable Sealant (white)
- Matrix™ 201 Premium Asphalt Primer
- Matrix™ 202 SBS Flashing Cement
- Matrix™ 203 Horsehair Sealant (black)
- Matrix™ 204 Wet/Dry Roof Cement
- Matrix™ 210 Two-Part Flashing Cement

PATCHING & REPAIR CEMENT

- Matrix™ 201 Premium Asphalt Primer
- Matrix™ 202 SBS Flashing Cement
- Matrix™ 203 Horsehair Sealant (black)
- Matrix™ 204 Wet/Dry Roof Cement
- Matrix™ 210 Two-Part Flashing Cement

ROOF PRIMERS & SEALANTS

- Matrix™ 201 Premium Asphalt Primer
- Matrix™ 202 SBS Flashing Cement
- Matrix™ 203 Horsehair Sealant (black)
- Matrix™ 204 Wet/Dry Roof Cement
- Matrix™ 210 Two-Part Flashing Cement

FLASHING ACCESSORIES

GAF offers factory-built flashing accessories to complement asphaltic roofing systems. They are available for use with SBS or APP smooth or granule surface, and provide a professional, clean finish to roofing jobs.

- Standard M-Vent™
- Adjustable M-Vent™
- One-Way Vent
- Cant-to-Cant (CTW) Style
- Curb-to-Cant (CMF) Style
- Low Cant-to-Cant (LP) Style
- Curb-to-Wall (CW) Style

EXPANSION JOINT COVERS

GAF has designed the most flexible group of expansion joint covers in the industry. Metalastic® Expansion Joint Covers eliminate splice joints every 10’ (3.05 m) and promote trouble-free roofing system performance. Available in four standard types.

- Standard M-Vent™
- Adjustable M-Vent™
- One-Way Vent
- Cant-to-Cant (CTW) Style
- Curb-to-Cant (CMF) Style
- Low Cant-to-Cant (LP) Style
- Curb-to-Wall (CW) Style

For additional product information, visit gaf.com

CHOOSEING THE RIGHT ASPHALTIC ROOFING SYSTEM

Choosing the right roofing system for an application can be complicated. There are many roof membrane options, and each property may have its own set of unique requirements. So, how do you choose the right roofing system for your property?

- Multi-Layered Membrane Protection
- Easy To Repair After Installation
- Heat Welded, Self-Adhered, Stretched, Cold Applied
- Can Be Installed in Cold Weather
- High Heat and UV Resistance
- Maximum Guarantee Length In Years

- Top Performance
- Excellent Performance
- Good Performance
- Not Recommended

For additional product information, visit gaf.com

For additional product information, visit gaf.com
# SBS Modified Bitumen

## Cold-Adhesive Applied

- **Hot-Mopped and Polyester Mat (D6164) Products**

## Application Method

<table>
<thead>
<tr>
<th>Product</th>
<th>Specifications</th>
<th>Guarantees¹</th>
<th>Standards</th>
<th>Applicable ASTM</th>
<th>Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>APPLICATION METHOD</strong></td>
<td><strong>PRODUCT</strong></td>
<td><strong>GUARANTEES</strong>¹</td>
<td><strong>STANDARDS</strong></td>
<td><strong>APPLICABLE ASTM</strong></td>
<td><strong>ADVANTAGES</strong></td>
</tr>
<tr>
<td>Hot Applied Cold Applied</td>
<td>RUBEROID® Mop Plus Smooth</td>
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</tr>
<tr>
<td></td>
<td>RUBEROID® Mop Smooth 1.5</td>
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<tr>
<td></td>
<td>RUBEROID® Mop Granule</td>
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</tr>
<tr>
<td>Hot Applied Cold Applied</td>
<td>RUBEROID® Mop Granule FR</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Hot Applied Cold Applied</td>
<td>RUBEROID® EnergyCap™ Mop Plus Granule FR</td>
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</table>

## SMOOTHER BASE SHEET

<table>
<thead>
<tr>
<th>RUBEROID® Mop Plus Smooth</th>
<th>RUBEROID® Mop Smooth 1.5</th>
<th>RUBEROID® Mop Granule</th>
<th>RUBEROID® Mop Granule FR</th>
<th>RUBEROID® EnergyCap™ Mop Plus Granule FR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RUBEROID® Mop Plus Smooth</strong></td>
<td><strong>RUBEROID® Mop Smooth 1.5</strong></td>
<td><strong>RUBEROID® Mop Granule</strong></td>
<td><strong>RUBEROID® Mop Granule FR</strong></td>
<td><strong>RUBEROID® EnergyCap™ Mop Plus Granule FR</strong></td>
</tr>
<tr>
<td><strong>Product</strong></td>
<td><strong>Product</strong></td>
<td><strong>Product</strong></td>
<td><strong>Product</strong></td>
<td><strong>Product</strong></td>
</tr>
<tr>
<td>RUBEROID®</td>
<td>RUBEROID®</td>
<td>RUBEROID®</td>
<td>RUBEROID®</td>
<td>RUBEROID®</td>
</tr>
<tr>
<td>Mop Plus</td>
<td>Smooth 1.5</td>
<td>Granule</td>
<td>Granule FR</td>
<td>EnergyCap™</td>
</tr>
<tr>
<td><strong>Specifications</strong></td>
<td><strong>Specifications</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Roll Size</strong>: 1 square</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Roll Length</strong>: 32.56' (9.92 m)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Roll Weight</strong>: 80 lb. (36.29 kg)</td>
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<tr>
<td><strong>Product Thickness</strong>: 0.120” (3.05 mm)</td>
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</tr>
</tbody>
</table>

## GRANULE CAP SHEETS

<table>
<thead>
<tr>
<th>RUBEROID®</th>
<th>RUBEROID®</th>
<th>RUBEROID®</th>
<th>RUBEROID®</th>
<th>RUBEROID®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mop Plus</td>
<td>Smooth 1.5</td>
<td>Granule</td>
<td>Granule FR</td>
<td>EnergyCap™</td>
</tr>
<tr>
<td><strong>Specifications</strong></td>
<td><strong>Specifications</strong></td>
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<tr>
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<tr>
<td><strong>Roll Weight</strong>: 80 lb. (36.29 kg)</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Product Thickness</strong>: 0.155” (3.9 mm)</td>
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</tbody>
</table>

**For additional product information, visit gaf.com**
# HOT-MOPPED AND COLD-ADHESIVE APPLIED SBS MODIFIED BITUMEN

## FIBERGLASS MAT (D6163) PRODUCTS

<table>
<thead>
<tr>
<th>Smooth Base Sheet</th>
<th>Granule Cap Sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RUBEROID® 20 Smooth</strong></td>
<td><strong>RUBEROID® 30 Granule</strong></td>
</tr>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td><strong>Product</strong></td>
<td><strong>Product</strong></td>
</tr>
<tr>
<td><strong>Primary Application Method</strong></td>
<td><strong>Advantages</strong></td>
</tr>
<tr>
<td>Hot Applied</td>
<td>Hot coating required - available with black or white granules</td>
</tr>
<tr>
<td>Cold Applied</td>
<td></td>
</tr>
<tr>
<td><strong>Primary Application Method</strong></td>
<td><strong>Advantages</strong></td>
</tr>
<tr>
<td>Hot Applied</td>
<td>No coating required for Class A rating from UL</td>
</tr>
<tr>
<td>Cold Applied</td>
<td></td>
</tr>
</tbody>
</table>

### Advantages
- Ideal base for modified bitumen 20/30 systems
- Lightweight
- Durable - combines the strength of fiberglass reinforcement with the elongation characteristics of SBS modified asphalt
- Available as a smooth surface
- No coating required - available with black or white granules
- Lightweight
- Durable - combines the strength of fiberglass reinforcement with the elongation characteristics of SBS modified asphalt
- Ideal for new roofing, re-cover applications, and as the construction of Flashings
- Durable - combines the strength of fiberglass reinforcement with the elongation characteristics of SBS modified asphalt

### ASTM
- D6163 Type I, Grade S
- D6163 Type I, Grade G
- D6163 Type I, Grade G
- D6163 Type I, Grade G
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed

### Applicable Standards
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed
- FM Approved
- ICC ESR-1274
- State of Florida Approved
- Texas Dept. of Insurance
- UL/ULc Listed

### Guarantees
- System guarantees available for up to 20 years
- Typical system guarantees available up to 15 years; select systems available for up to 20 years
- Typical system guarantees available up to 15 years; select systems available for up to 20 years
- Typical system guarantees available up to 15 years; select systems available for up to 20 years

### Product Specifications
- Roll Size: 1.5 squares (165.1 gross sq. ft.) (15.3 m²)
- Roll Length: 48.2' (15 m)
- Roll Width: 39.375" (1.0 m)
- Approx Roll Weight: 89 lb. (40.37 kg)
- Product Thickness: 0.085" (2.1 mm)
- Roll Size: 1 square (110.5 gross sq. ft.) (10.27 m²)
- Roll Length: 20.0’ (6.0 m)
- Roll Width: 39.375” (1.0 m)
- Approx Roll Weight: 59.9 lb. (26.3 kg)
- Product Thickness: 0.140” (3.56 mm)
- Roll Size: 1 square (110.5 gross sq. ft.) (10.27 m²)
- Roll Length: 32.8’ (10 m)
- Roll Width: 39.375” (1.0 m)
- Approx Roll Weight: 98.4 lb. (44.63 kg)
- Product Thickness: 0.140” (3.56 mm)

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1See applicable GAF guarantee for complete coverage and restrictions.